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Ulrich Craemer

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7590

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King & Spalding LLP  
401 Congress Avenue  
Suite 3200  
Austin, TX 78701

EXAMINER

CHEUNG, MANKO

ART UNIT

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2863

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed on 01/29/2010 have been fully considered but they are not persuasive.

Applicants argues that the reference of Berger DOES NOT **determine whether or not a particular sensor is a signal-value-range multiplex output type sensor, i.e., a sensor having at least two different outputs that are multiplexed** (page 7 of the amendment).

Claim 1, recites

*“determining whether the sensor is*

*(a) a signal-value-range multiplex output type sensor having at least two different output that are multiplexed, **OR***

*(b) not a signal-value-range multiplex output type sensor having at lest two different outputs that are multiplexed”.*

While claim 11 recites

*“the sensor is recognized as a signal-value-range multiplex output type sensor if both determinations are met, and if either determination fails, then the sensor is not recognized as a signal- value-range multiplex output type sensor”*

For claim 1 and 11, the claim does not required sensor (a) **AND** sensor (b) to be presented at the same time. As such, reference Berger teaches a method to determine

Art Unit: 2863

the liquid level sensor is a type (b) sensor because the sensor in Berger is clearly a sensor does not have two different outputs that are multiplexed together

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Manko Cheung whose telephone number is (571) 270-7917. The examiner can normally be reached on Monday to Thursday, 9:00-16:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew A. Dunn can be reached on (571) 272-2312. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M.C./

February 25, 2010

**Drew A. Dunn**  
**/Drew A. Dunn/**  
**Supervisory Patent Examiner, Art Unit 2863**